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Technology Center 2100

**Substitute for Form 149A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary.)*

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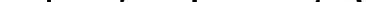
of 2

<i>Complete if Known</i>	
Application Number	09/539,344
Filing Date	March 31, 2000
First Named Inventor	Carl M. Ellison
Group Art Unit	2785
Examiner Name	Unassigned
Attorney Docket Number	042390.P8098

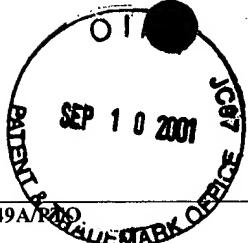
## U.S. PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Name	Class	Sub- class	Filing Date (if appropriate)
		4,278,837	07/14/81	Best			
		4,521,852	06/04/85	Guttag			
		5,022,077	06/04/91	Bealkowski et al.			
		5,293,424	03/08/94	Holtey et al.			
		5,421,006	05/30/95	Jablon et al.			
		5,473,692	12/05/95	Davis			
		5,479,509	12/26/95	Ugon			
		5,568,552	10/22/96	Davis			
		5,657,445	08/12/97	Pearce			
		5,729,760	03/17/98	Poisner			
		5,796,845	08/18/98	Serikawa et al.			
		5,805,712	09/08/98	Davis			
		5,835,594	11/10/98	Albrecht et al.			
		5,844,986	12/01/98	Davis			
		5,937,063	08/10/99	Davis			
		5,978,481	11/02/99	Ganesan et al.			
		6,014,745	01/11/00	Ashe			
		6,058,478	05/02/00	Davis			
		6,158,546	12/12/00	Hanson et al.			
		6,175,925	01/16/01	Nardone et al.			
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Examiner Signature		Date Considered	3/16/04
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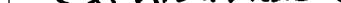
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<p align="center"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary.)</i></p>		<i>Complete if Known</i>	
		Application Number	09/539,344
		Filing Date	March 31, 2000
		First Named Inventor	Carl M. Ellison
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Sheet	2	of	2
		Attorney Docket Number	

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	S 16 of
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>09/539344</td> </tr> <tr> <td>Filing Date</td> <td>March 31, 2000</td> </tr> <tr> <td>First Named Inventor</td> <td>Ellison, Carl M.</td> </tr> <tr> <td>Group Art Unit</td> <td>2785</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> </table>		Application Number	09/539344	Filing Date	March 31, 2000	First Named Inventor	Ellison, Carl M.	Group Art Unit	2785	Examiner Name	Unassigned
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Filing Date	March 31, 2000												
First Named Inventor	Ellison, Carl M.												
Group Art Unit	2785												
Examiner Name	Unassigned												
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Sheet 1 of 1		Attorney Docket No: 42P08098      Technology Center 2100 DEC 18 2003											

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
CB	DE-DE4217444	12/03/1992	Toyohisa, Imada , et al.			
CB	EP-EP0473913	03/11/1992	Farrell, Joel A.			abs

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
CB		BRANDS, STEFAN , "Restrictive Blinding of Secret-Key Certificates", SPRINGER-VERLAG XP002201306, (1995),Chapter 3				
CB		DAVIDA, GEORGE I., et al., "Defending Systems Against Viruses through Cryptographic Authentication", Proceedings of the Symposium on Security and Privacy, IEEE Comp. Soc. Press, ISBN 0-8186-1939-2,(May 1989)				
CB		KASHIWAGI, KAZUHIKO , et al., "Design and Implementation of Dynamically Reconstructing System Software", Software Engineering Conference, Proceedings 1996 Asia-Pacific Seoul, South Korea 4-7 Dec. 1996, Los Alamitos, CA USA, IEEE Comput. Soc, US, ISBN 0-8186-7638-8,(1996)				
CB		LUKE, JAHN , et al., "Replacement Strategy for Aging Avionics Computers", IEEE AES Systems Magazine, XP002190614,(March 1999)				
CB		MENEZES, OORSCHOT , "Handbook of Applied Cryptography", CRC Press LLC, USA XP002201307, (1997),475				
CB		RICHT, STEFAN , et al., "In-Circuit-Emulator Wird Echtzeittauglich", Elektronik, Franzis Verlag GMBH, Munchen, DE, Vol. 40, No. 16, XP000259620,(100-103),8-6-1991				
CB		SAEZ, SERGIO , et al., "A Hardware Scheduler for Complex Real-Time Systems", Proceedings of the IEEE International Symposium on Industrial Electronics, XP002190615,(July 1999),43-48				
CB		SHERWOOD, TIMOTHY , et al., "Patchable Instruction ROM Architecture", Department of Computer Science and Engineering, University of California, San Diego, La Jolla, CA, (Nov. 2001)				

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DATE CONSIDERED

4-16-03

FOREIGN PATENT DOCUMENTS							
Exa. m. Initia l	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (If known)				
		WO	02 17555 A	Verisign, Inc.	02/28/2002		
		WO	01 75564 A	Intel Corporation	10/11/2001		
		WO	02 086684 A	Hewlett Packard	10/31/2002		
		JP	02000076139 A	Nippon	03/14/2000		

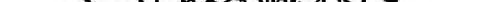
Examiner Signature		Date Considered 3.16.04
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Assistant Commissioner for Patents, Washington, DC 20231.

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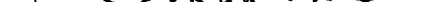
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FOREIGN PATENT DOCUMENTS							
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		Office <sup>3</sup>	Number <sup>4</sup>				
		WO	97/29567	Gressel			
		WO	01/75565	Ellison			
		WO	01/75595	Ellison			
		WO	01/27723A	Pearson			
		WO	01/27821A	Pearson			

Examiner Signature		Date Considered <u>16.03.04</u>	
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**Substitute for Form 1449A/PTO (Modified)**

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

APR 09 2002

Substitute for Form 1449A/PTO (Modified)		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/439,344
		Filing Date	March 31, 2000
		First Named Inventor:	Carl M. Ellison
		Group Art Unit	2785
		Examiner Name	Unassigned
		Attorney Docket Number	42P8098
Sheet	1	of	

## **U.S. PATENT DOCUMENTS**

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
		4,366,537		Heller, et al.	12/28/82	
		5,075,842		Lai	12/24/91	
		5,255,379		Melo	10/19/93	
		5,459,869		Spilo	10/17/95	
		5,615,263		Takahashi	03/25/97	RECEIVED
		4,307,214		Birney, et al.	07/19/97	APR 11 2002
		5,717,903		Bonola	02/10/98	
		5,764,969		Kahle, et al.	06/09/98	Technology Center 2100
		5,890,189		Nozue, et al.	03/30/99	
		5,987,557		Ebrahim	11/16/99	
		US2001003745		Metlitski, et al.	11/01/01	

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		EP	0600112	Seimens Nixdorf InformationSysteme	08/06/94		
		WO	9844402	PCT	10/08/98		
		WO	9905600	PCT	02/04/99		
		WO	9909482	Seimens Nixdorf InformationSysteme	02/25/99		
		WO	9957863	PCT	11/11/99		
		WO	0062232	PCT	10/19/00		
		EP	1146715	European Patent Application	10/17/01		

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Signature**

Date Considered  
3/16/06

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			NOV 29 2002 Technology Center 2100	
<b>OTHER ART – NO PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T <sup>2</sup>
<i>Q</i>	•	GOLDBERG, R., "Survey of virtual machine research," IEEE Computer Magazine 7(6), pp. 34-45, 1974.		
<i>JL</i>	•	GUM, P.H., "System/370 Extended Architecture: Facilities for Virtual Machines," IBM J. Research Development, Vol 27, Number 6, pp. 530-544, November 1983		
<i>JL</i>	•	ROSENBLUM, M. "Vmware's Virtual Platform: A Virtual Machine Monitor for Commodity PCs," Proceedings of the 11th Hotchips Conference, pp. 185-196, August 1999.		
<i>JL</i>	•	LAWTON, K., "Running Multiple Operating Systems Concurrently on an IA32 PC Using Virtualization Techniques," <a href="http://www.plex86.org/research/paper.txt">http://www.plex86.org/research/paper.txt</a> ; 11/29/1999; pp. 1-31.		
Examiner Signature	<i>Mark Burcham</i>		Date Considered	3.16.04

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